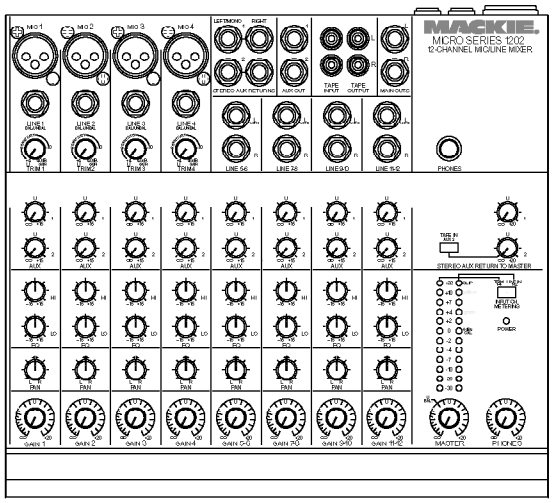
MACKIE®

MS1202

12 CHANNEL MIC/LINE MIXER



SERVICE MANUAL

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820-166-00

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SERVICE ON THIS EQUIPMENT IS TO BE PERFORMED BY
EXPERIENCED REPAIR TECHNICIANS ONLY
CONFIER L'ENTRETIEN AU PERSONNEL QUALIFIE

CAUTION *AVIS*

RISK OF ELECTRIC SHOCK
DO NOT OPEN
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE THE COVER (OR BACK)
NO USER SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED PERSONNEL

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR EVITER LES RISQUES DE CHOC ELECTRIQUE, NE PAS ENLEVER LE COUVERCLE. AUCUN ENTRETIEN DE PIECES INTERIEURES PAR L'USAGER. CONFIER L'ENTRETIEN AU PERSONNEL QUALIFIE.

AVIS:POUR EVITER LES RISQUES D'INCENDIE OU D'ELECTROCUTION, N'EXPOSEZ PAS CET ARTICLE A LA PLUIE OU A L'HUMIDITE.

POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UN PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS LAISSER AUCUNE PARTIE A DECOUVERT.

This apparatus does not exceed the Class A/Class B (whichever is applicable) limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

ATTENTION :Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant las limites applicables aux appareils numériques de class A/de class B (selon le cas) prescrites dans le réglement sur le brouillage radioélectrique édicté par les ministere des communications du Canada.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio energy and, if not installed properly and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Le symbole éclair avec point de flèche à l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence à l'intérieur du coffret de "voltage dangereux" non isolé d'ampleur suffisante pour constituer un risque d'éléctrocution.

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Le point d'exclamation à l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour le fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.

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INTRODUCTION

SERVICE ON THIS EQUIPMENT IS TO BE PERFORMED BY
EXPERIENCED REPAIR TECHNICIANS ONLY
CONFIER L'ENTRETIEN AU PERSONNEL QUALIFIE

This manual contains basic service information. It is essential that you have a copy of the user's manual as this contains the complete operating instructions.

SERVICE TECHNICAL ASSISTANCE

Mackie Designs, Service Technical Assistance, is available 8AM - 5PM PST, Monday through Friday for Authorized Mackie Service Centers, at 1-800-258-6883. Feel free to call with any questions and speak with a carefully-calibrated technician. If one is not available, leave a detailed message and a qualified Mackoid will return your call asap.

DISCLAIMER

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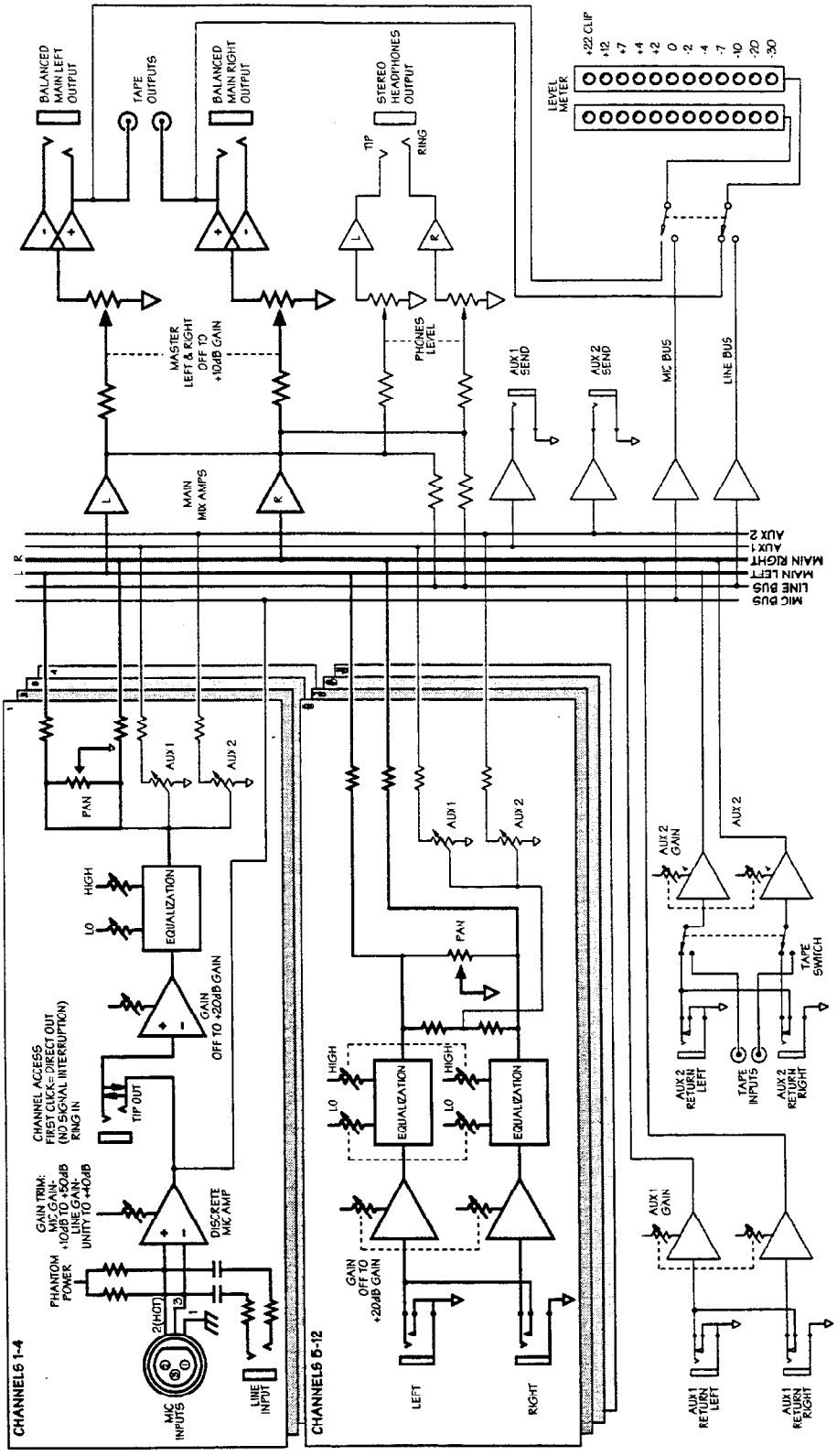
BALANCED MAIN LEFT OUTPUT
TAPE OUTPUTS
BALANCED MAIN RIGHT OUTPUT
STEREO HEADPHONES OUTPUT
TIP
RING
LEVEL METER
+22 CLIP
+12
+7
+4
+2
0
-2
-4
-7
-10
-20
-30
MASTER LEFT & RIGHT OFF TO +10dB GAIN
PHONES LEVEL
AUX 1 SEND
AUX 2 SEND
MIC BUS
LINE BUS
MAIN MIX AMPS
L
R
AUX 2
AUX 1
MAIN RIGHT
MAIN LEFT
LINE BUS
MIC BUS
PAN
AUX 1
AUX 2
HIGH
LO
EQUALIZATION
GAIN OFF TO +20dB GAIN
CHANNEL ACCESS FIRST CLICK= DIRECT OUT (NO SIGNAL INTERRUPTION) RING IN
TIP OUT
GAIN TRIM: MIC GAIN= +10dB TO +50dB LINE GAIN= UNITY TO +40dB
PHANTOM POWER
DISCRETE MIC AMP
2(HOT)
3
1
MIC INPUTS
LINE INPUT
CHANNELS 1-4
CHANNELS 5-12
GAIN OFF TO +20dB GAIN
LEFT
RIGHT
AUX 2 GAIN
AUX 2 RETURN LEFT
TAPE INPUTS
AUX 2 RETURN RIGHT
TAPE SWITCH
AUX 1 GAIN
AUX 1 RETURN LEFT
AUX 1 RETURN RIGHT

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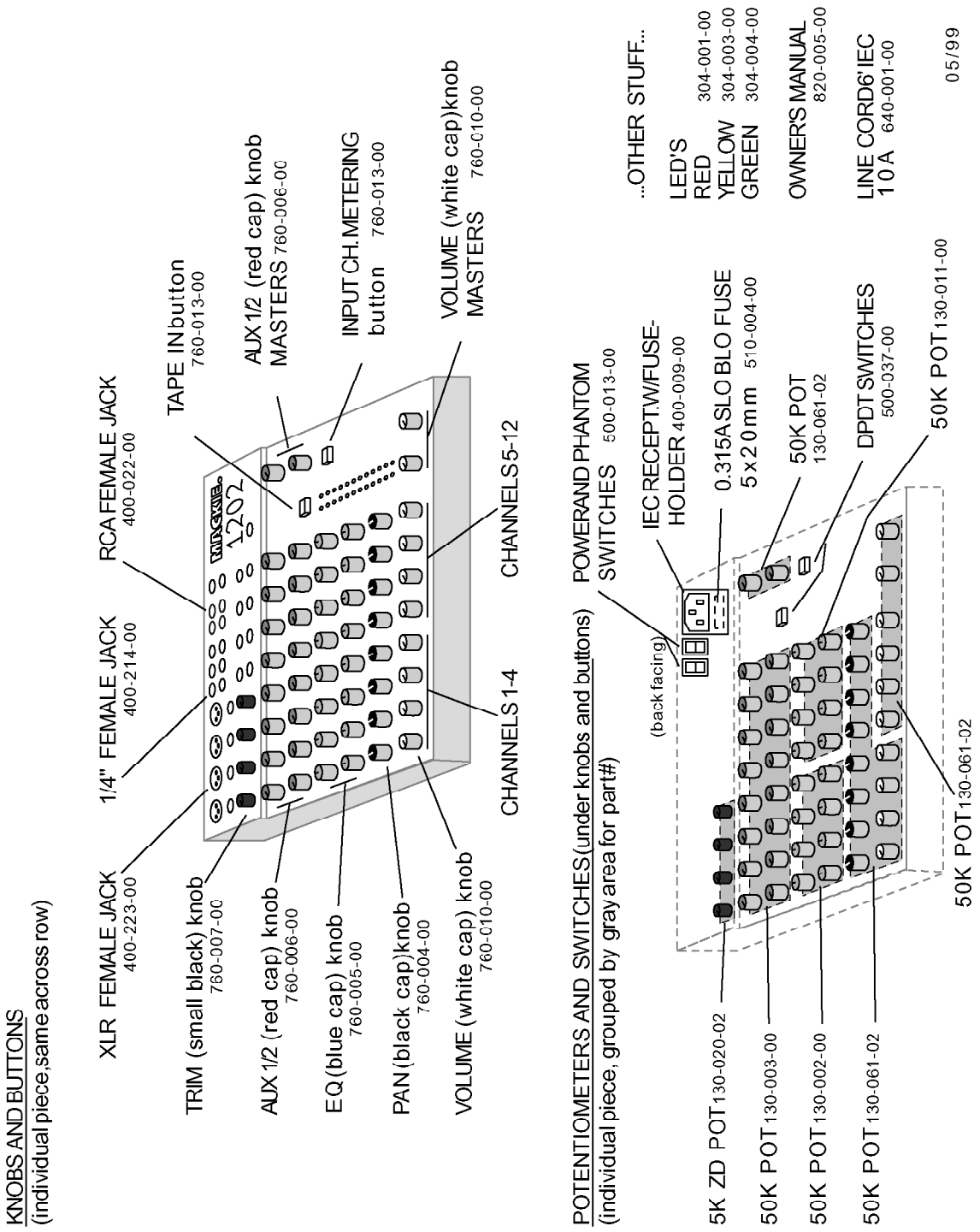
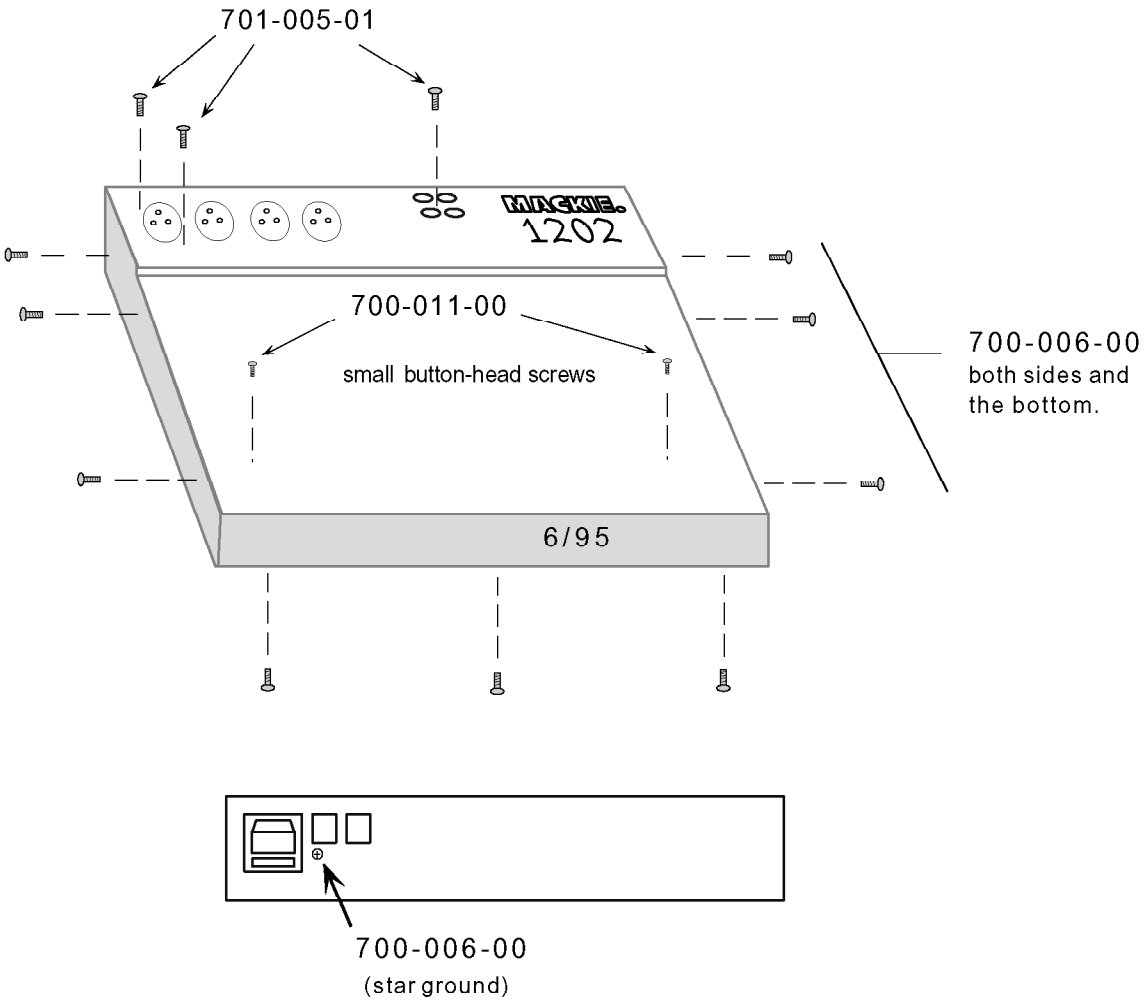
QUICK PARTS


KNOBS AND BUTTONS
(individual piece,same across row)
XLR FEMALE JACK 400-223-00
1/4" FEMALE JACK 400-214-00
RCA FEMALE JACK 400-022-00
TRIM (small black) knob 760-007-00
AUX 1/2 (red cap) knob 760-006-00
EQ (blue cap) knob 760-005-00
PAN (black cap)knob 760-004-00
VOLUME (white cap) knob 760-010-00
CHANNELS 1-4
CHANNELS 5-12
TAPE IN button 760-013-00
AUX 1/2 (red cap) knob MASTERS 760-006-00
INPUT CH. METERING button 760-013-00
VOLUME (white cap)knob MASTERS 760-010-00
1202
POTENTIOMETERS AND SWITCHES (under knobs and buttons)
(individual piece, grouped by gray area for part#)
5K ZD POT 130-020-02
50K POT 130-003-00
50K POT 130-002-00
50K POT 130-061-02
(back facing)
POWER AND PHANTOM SWITCHES 500-013-00
IEC RECEPT.W/FUSE-HOLDER 400-009-00
0.315A SLO BLO FUSE 5x20mm 510-004-00
50K POT 130-061-02
DPDT SWITCHES 500-037-00
50K POT 130-011-00
50K POT 130-061-02
...OTHER STUFF...
LED'S
RED 304-001-00
YELLOW 304-003-00
GREEN 304-004-00
OWNER'S MANUAL 820-005-00
LINE CORD 6' IEC 10A 640-001-00
05/99

QUICK SCREWS



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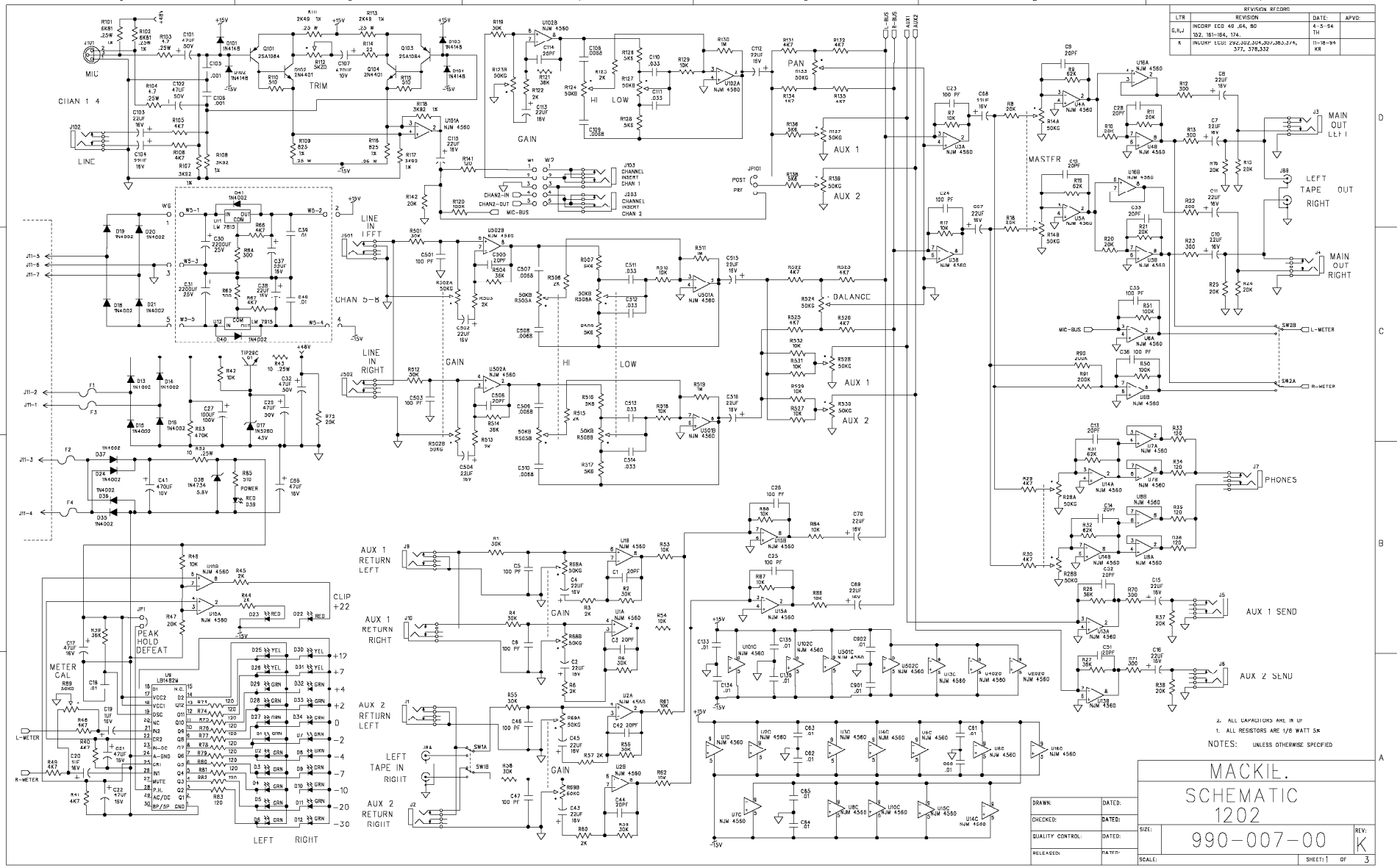

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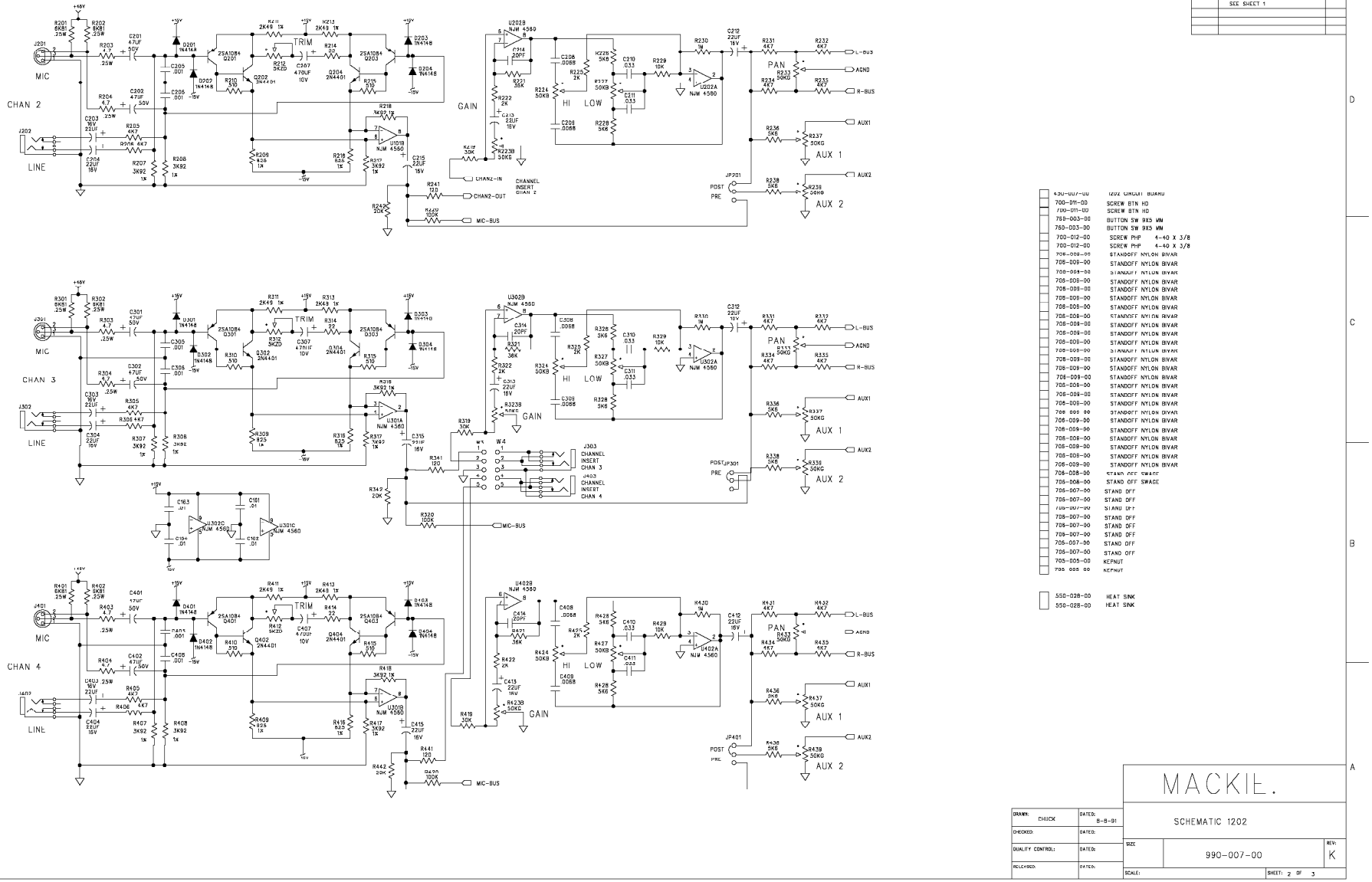

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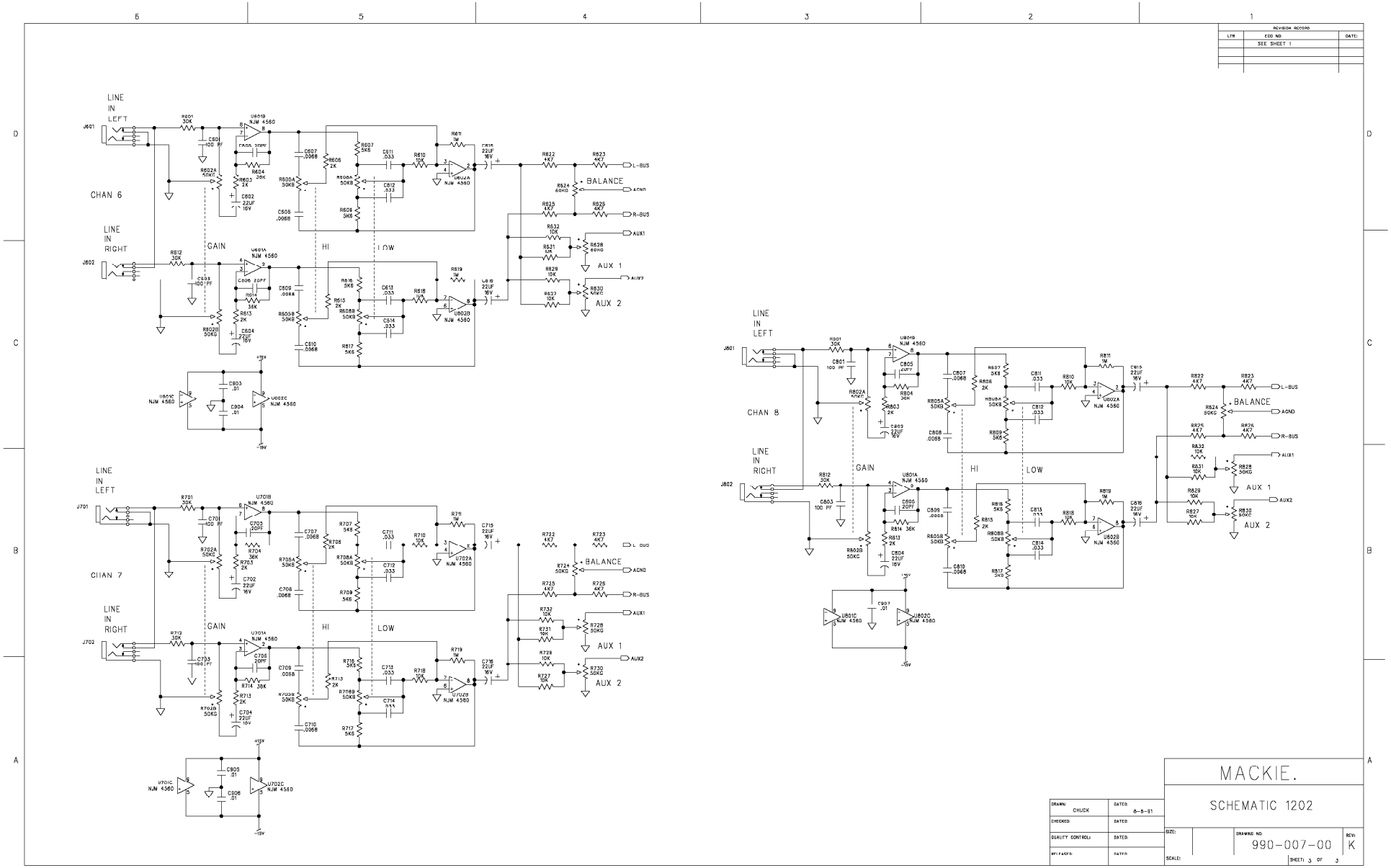

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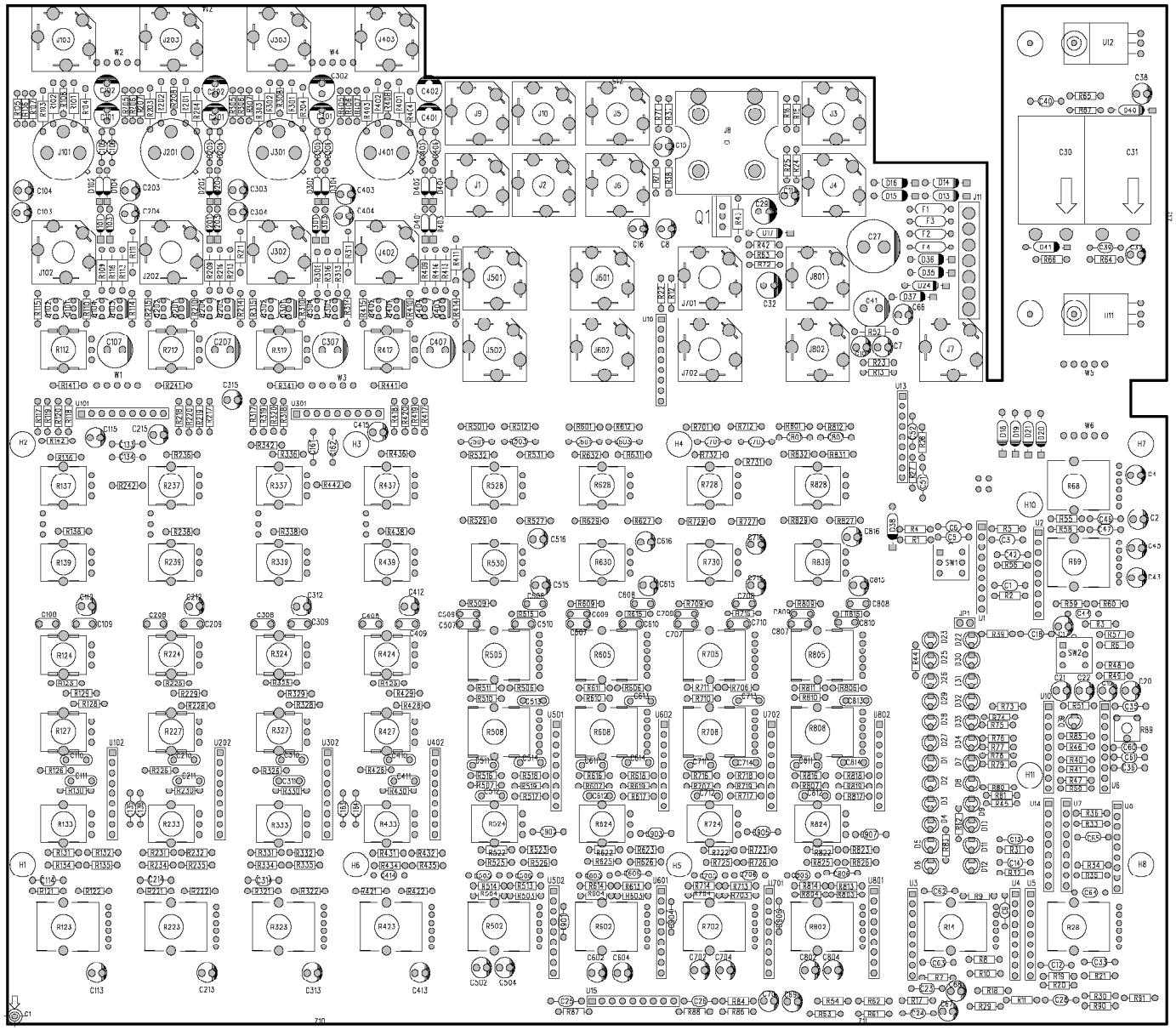

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